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S87	1	"6785815".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 16:39
S86	1	S84 and encrypt\$4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 16:39
S85	243	S82 and encrypt\$4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 15:38
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S81	29359	fujimoto.inv.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 14:45
S80	9	signature\$2 with depth with code\$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 10:08
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S76	2757	S75 and structure\$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 08:51
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S74	4059	S73 and (concatena\$4 combin\$6)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 08:50
S73	4419	S72 and (signature\$2 same (portion\$2 segment\$2 block\$2 element\$2))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 08:50
S72	11961	signature\$2 and (tree\$2 hierarch\$7)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 08:50
S71	2757	S70 and structure\$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/08 08:50

S70	3028	S69 and (encod\$4 encrypt\$5)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/07 16:42
S69	4059	S68 and (concatena\$4 combin\$6)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/07 16:42
S68	4419	S67 and (signature\$2 same (portion\$2 segment\$2 block\$2 element\$2))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/07 16:41
S67	11961	signature\$2 and (tree\$2 hierarch\$7)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/07 16:40
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S64	4801	xavier.inv.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/07 16:19
S63	1	S59 and block\$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/07 16:18
S61	1	S59 and block\$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/07 16:16
S62	0	S61 and (tree\$2 hierarch\$6)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/07 14:55
S60	0	S59 and bock\$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/07 14:53
S59	1	"6785815".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/07 14:53

S1	2118	(associat\$4 concatenat\$4 add\$6) near5 ((electronic digital) near3 signature\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2006/02/07 14:46
S58	50	S43 and @ad<"20010123"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 13:43
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S42	53	((associat\$4 concatenat\$4 add\$6) near5 ((electronic digital) near3 signature\$2)) same (structur\$4 near4 (data document\$2 file\$2))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 13:42
S57	1	"6574611".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 13:41
S56	1	"6058477".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 13:40
S50	254	S47 and @ad<"20010123"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 13:33
S55	1	"20010044786"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:42
S54	1	S53 and ((concatenat\$4 combin\$5 append\$4) near4 (ciphers))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:42
S47	427	((concatenat\$4 combin\$5 append\$4) near4 (ciphers))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:37
S53	916	(key\$2 id\$2 identifier\$2) near5 (assign\$4 attach\$4 embed\$4) near4 ((structur\$4 near3 (data element\$2 information)) structure\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:36
S25	803	(key\$2 id\$2 identifier\$2) near5 (assign\$4 attach\$4 embed\$4) near4 ((structur\$4 near3 (data element\$2 information)) structure\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:36

S52	74	((concatenat\$4 combin\$6) near5 (identifiers signatures ids codes)) same (structur\$4 near4 (data information element\$2)) and ((generat\$4 creat\$4) near5 (identifiers signatures ids codes) near5 (structur\$4 near4 (data information element\$2)))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:35
S15	668	((concatenat\$4 combin\$6) near5 (identifiers signatures ids codes)) same (structur\$4 near4 (data information element\$2))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:35
S51	232	((digital electronic) near3 signature\$2) same (concatenat\$4)) and (document\$2 structure\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:34
S33	258	((digital electronic) near3 signature\$2) same (concatenat\$4)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:34
S48	1200	715/514,531.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:32
S38	855	715/531.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:32
S28	73	S27 and @ad<"20010123"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:32
S46	36367	(concatenat\$4 combin\$5 append\$4) near4 (key\$2 id\$2 identifier\$2) and ((concatenat\$4 combin\$5 append\$4) near4 (key\$2 id\$2 identifier\$2))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:31
S29	394	((concatenat\$4 combin\$5 append\$4) near4 (ciphers))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:31
S45	293	((digital electronic) near3 signature\$2) same (concatenat\$4)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:30
S44	71	fischer near3 addison	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:30

S43	82	concatenat\$4 near5 ((digital electronic) near3 signature\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:30
S36	258	((digital electronic) near3 signature\$2) same (concatenat\$4)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:30
S26	32243	(concatenat\$4 combin\$5 append\$4) near4 (key\$2 id\$2 identifier\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:30
S24	67	fischer near3 addison	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:30
S8	73	concatenat\$4 near5 ((digital electronic) near3 signature\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:30
S41	2479	713/176,179,180,189.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:29
S40	2158	715/513.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:29
S9	2034	713/176,179,180,189.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:29
S3	1824	715/513.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:29
S2	41	((associat\$4 concatenat\$4 add\$6) near5 ((electronic digital) near3 signature\$2)) same (structur\$4 near4 (data document\$2 file\$2))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2005/08/23 11:29
S39	297	715/514.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/17 15:31
S37	206	S36 and ((document structur\$2) and signature\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/17 15:29

S35	1705072	"24" and (document structur\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/17 09:02
S34	206	S33 and (document structur\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/17 09:02
S32	712	S31 and @ad<"20010123"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 16:19
S31	1412	((digital electronic) near3 signature\$2) and (concatenat\$4)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 16:19
S30	248	S29 and @ad<"20010123"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 16:19
S27	204	S25 and ((concatenat\$4 combin\$5 append\$4) near4 (key\$2 id\$2 identifier\$2))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 16:14
S23	1	"0586022"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 16:04
S22	0	"93202945"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 16:03
S19	63	S17 not S18	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 15:46
S20	8	"6189097"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 11:54
S18	73	concatenat\$4 near5 ((digital electronic) near3 signature\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 10:52
S17	64	S15 and ((generat\$4 creat\$4) near5 (identifiers signatures ids codes) near5 (structur\$4 near4 (data information element\$2)))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 10:52

S16	377	S15 and ((identifiers signatures ids codes) near5 (structur\$4 near4 (data information element\$2)))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 10:51
S14	43004	(concatenat\$4 combin\$6) near5 (identifiers signatures ids codes)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 10:49
S13	19913	(concatenat\$4 combin\$4) near5 (identifiers signatures ids codes)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 10:48
S12	7727	(concatenat\$4 combine) near5 (identifiers signatures ids codes)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 10:48
S11	4125	concatenat\$4 near5 (identifiers signatures ids codes encrypted)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/16 10:48
S10	1	"5915024".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/15 16:33
S7	1210	concatenat\$4 near5 (((digital electronic) near3 signature\$2) (identifier\$2 id))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/15 14:56
S6	68	S5 not S2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/15 14:54
S5	68	S4 and (signature\$2)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/15 13:50
S4	977	S3 and @ad<"20010124"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2004/12/15 13:50